

# NWS GRAND JUNCTION COLORADO



A LOOK  
BACK AT

## OCTOBER 2022

WEATHER ACROSS E UTAH / W COLORADO

The month of October picked up where September left off, with unsettled and even some severe weather. The first week of the month saw multiple severe thunderstorm warnings issued for storms capable of producing severe wind and hail threats. This activity shifted southward and dwindled day by day, though occasional disturbances passing to the south kept chances for showers through the middle of the month. Otherwise, the middle two weeks of the month were comfortable, dry, and sunny, with temperatures near to above normal. This was less to do with a warming trend than to do with daily climatological highs cooling as the month went on despite daytime highs remaining consistent. This stretch of nice weather ended on the 22nd as a strong Pacific storm swept in, bringing strong, gusty winds out ahead of it. As the cold front moved in, ample moisture led to widespread precipitation. The cold front dropped temperatures to well below normal and allowed rain in the valleys to transition to snow. The parting gift of this storm was a growing-season ending freeze. The month ended with a return to quiet, although much cooler, weather.



# OCTOBER 2022

## CLIMATE SUMMARY



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*NOTE: all data mentioned is collected from our automated observing stations from 10 airports across the area. Some observers in more remote areas DECEMBER have measured warmer or colder temperatures, or more or less precipitation than mentioned in this summary.*

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# STORY OF THE MONTH **UNCOMPAGRE PLATEAU FUNNEL CLOUD**



*The first week of the month was stormy and unsettled, with several severe thunderstorm warnings issued across the area. While this storminess generally came to an end by the second week, instability remained. On October 9<sup>th</sup> a keen-eyed member of the public spotted this funnel cloud over the Uncompahgre Plateau! Radar imagery wasn't much to look at, but clearly there was enough oomph in the atmosphere to create this little rotating storm. Thanks to Mark Taber, who took the pictures.*

Credit: Mark Taber

Photo taken on Highway 50 between Kannah Creek and Whitewater, looking west over the Uncompahgre Plateau

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# TEMPERATURES



Location	Average Temp (°F) (VS Normal)	Warmest Temp (°F)	Coldest Temp (°F)
Aspen, CO	42.6 <b>(-1.8)</b>	68 on 10/19	10 on 10/28
Cortez, CO	49.4 <b>(+0.4)</b>	76 on 10/13	17 on 10/28
Craig, CO	44.3 <b>(-0.1)</b>	73 on 10/20	16 on 10/28
Durango, CO	48.2 <b>(+1.1)</b>	73 on 10/13	19 on 10/28, 29
Grand Junction, CO	53.7 <b>(+0.5)</b>	77 on 10/11	29 on 10/24
Meeker, CO	44.7 <b>(-1.0)</b>	71 on 10/20	16 on 10/28
Montrose, CO	50.4 <b>(-0.3)</b>	73 on 10/11	25 on 10/25
Rifle, CO	49.3 <b>(-0.2)</b>	74 on 10/18, 19, 20	24 on 10/28
Canyonlands Airport, UT	54.4 <b>(+0.2)</b>	79 on 10/11	28 on 10/29, 30
Vernal, UT	50.3 <b>(+1.5)</b>	76 on 10/11	24 on 10/28

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# PRECIPITATION



Location	Total Precipitation (in.)	Departure from Normal (in.)
Aspen, CO	1.85	+0.52
Cortez, CO	1.35	+0.29
Craig, CO	1.21	-0.27
Durango, CO	1.31	-0.10
Grand Junction, CO	1.79	+0.80
Meeker, CO	1.46	-0.14
Montrose, CO	1.89	+0.91
Rifle, CO	2.69	+1.42
Canyonlands Airport, UT	1.41	+0.57
Vernal, UT	0.98	-0.09



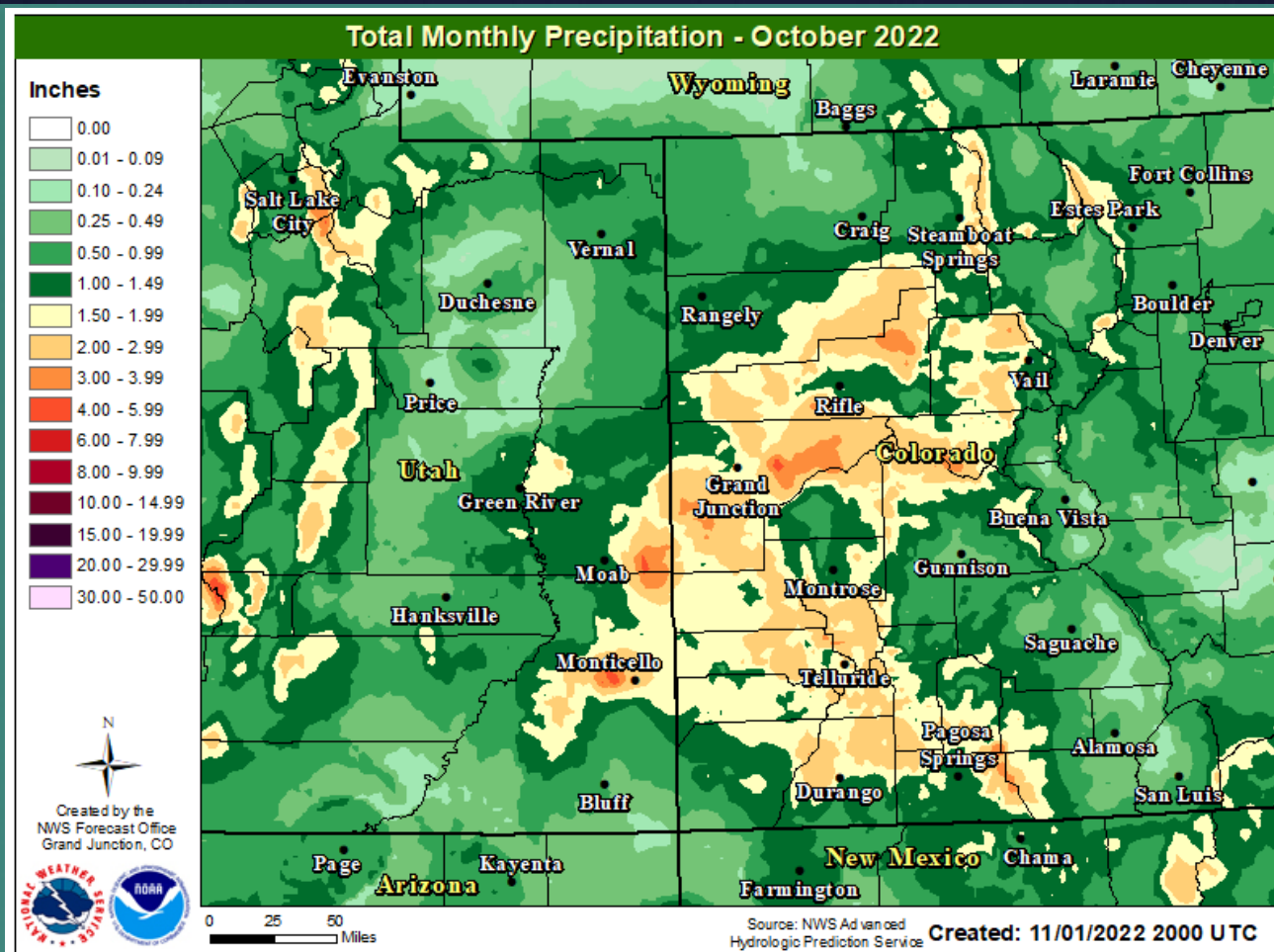
# OCTOBER 2022

## CLIMATE SUMMARY



TOTAL  
MONTHLY

# PRECIPITATION



# OCTOBER 2022

## CLIMATE SUMMARY

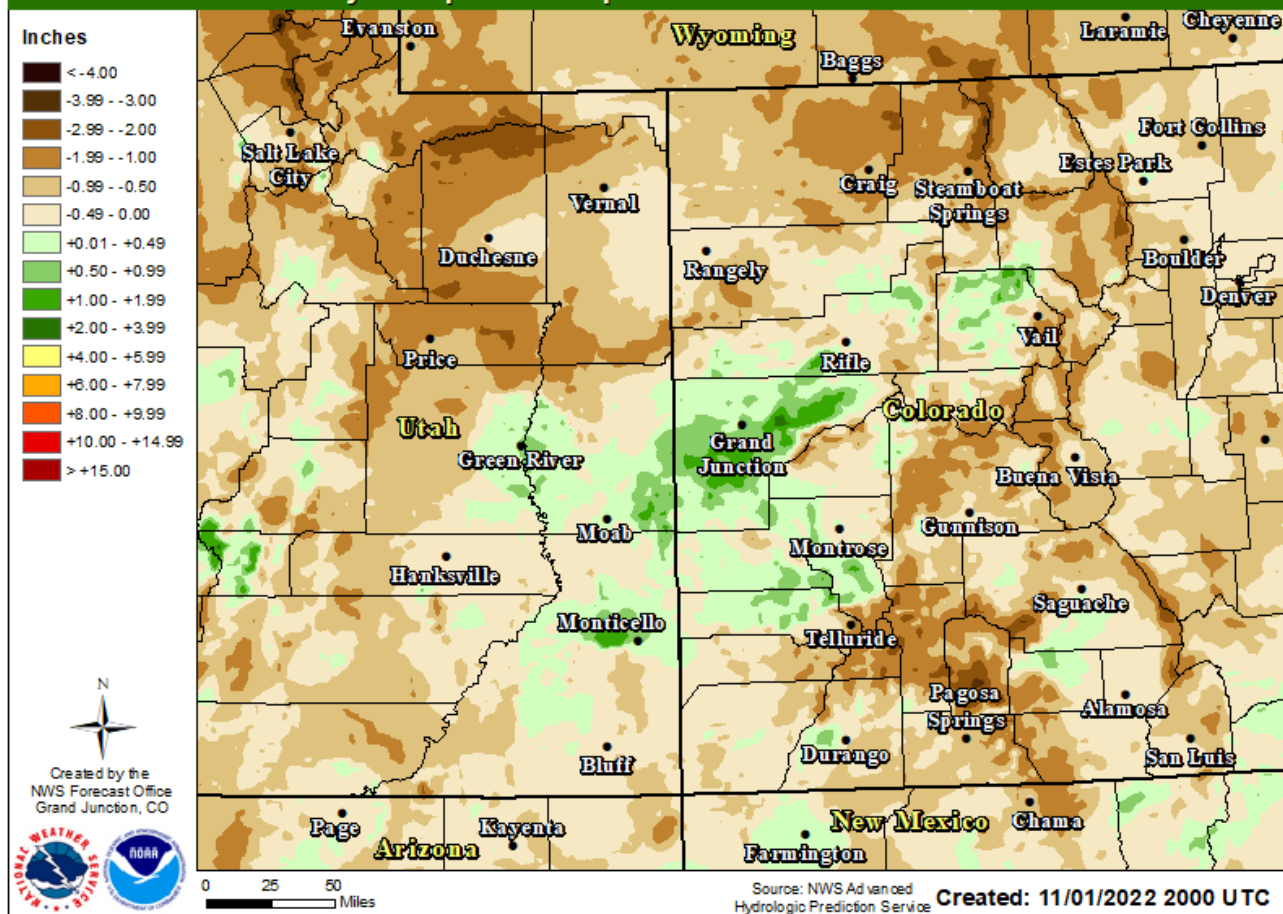


TOTAL  
MONTHLY

# PRECIPITATION

DEPARTURE FROM NORMAL

Total Monthly Precipitation Departure From Normal - October 2022



# OCTOBER 2022

## CLIMATE SUMMARY



DAILY  
RECORDS

# R E P O R T

*A total of 1 daily record was set across the primary climate sites*

Site	Date	Record Type	New Record	Previous Record
Grand Junction, CO	October 2nd	Precipitation (snow)	Trace	0.00 inches, last set in 2021

High Max

Low Max

Precip

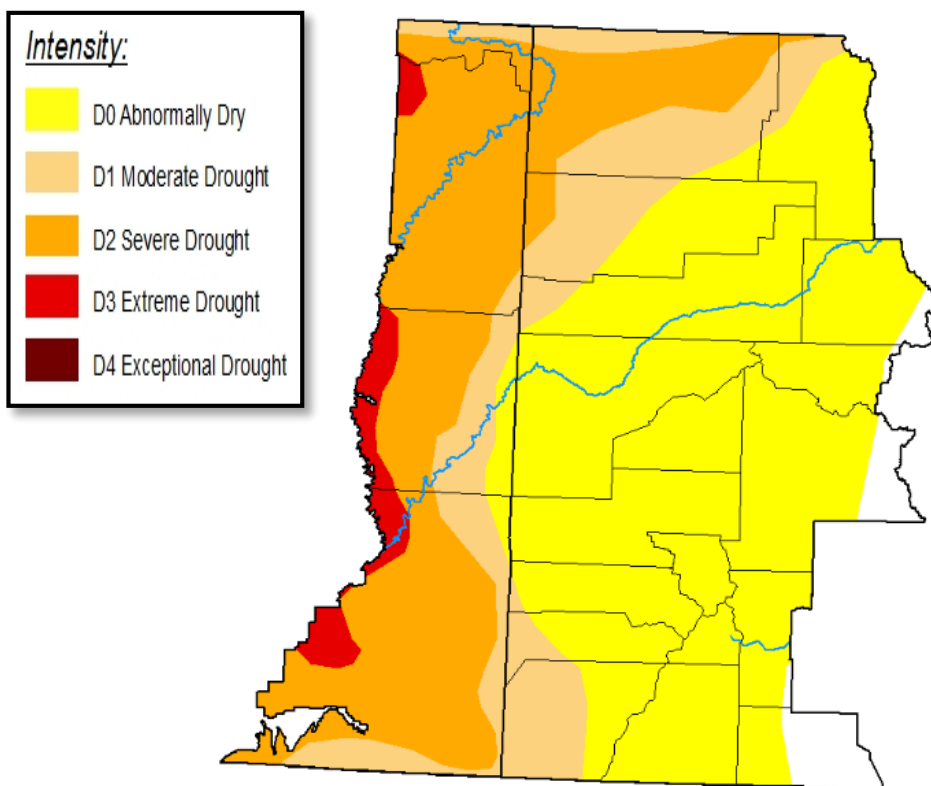
High Min

Low Min

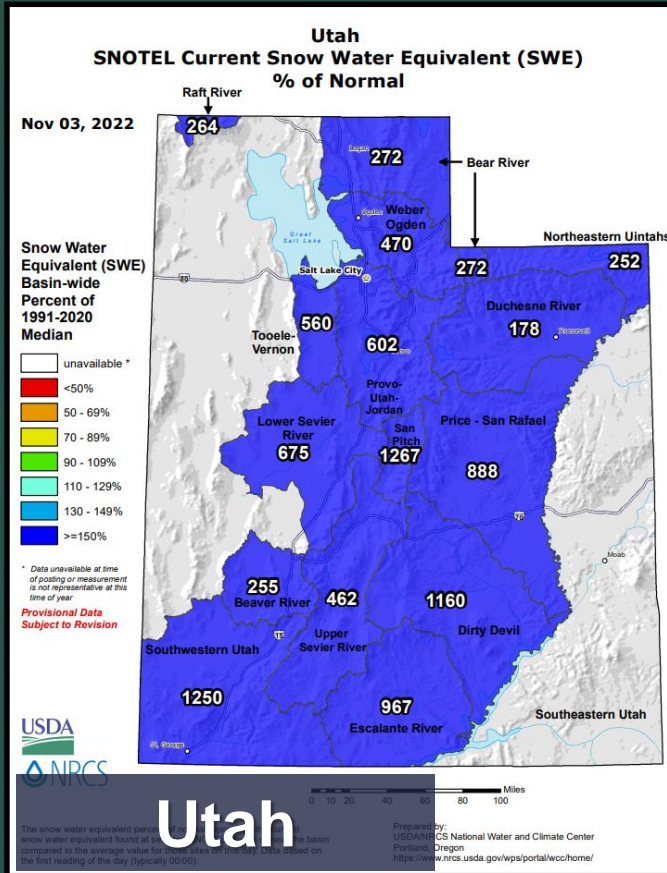




***Areas of Extreme (D3) drought are unchanged since the last update, remaining along the western border of the Grand Junction CWA. Areas in Moderate (D2) drought are confined to eastern Utah and northwestern Colorado. Areas of Moderate (D1) drought extend across northwest Colorado and into the Four Corners area of southwest Colorado. Abnormally Dry (D0) conditions make up the majority of western Colorado, with spots of No Drought along the Central and Southern Divide.***

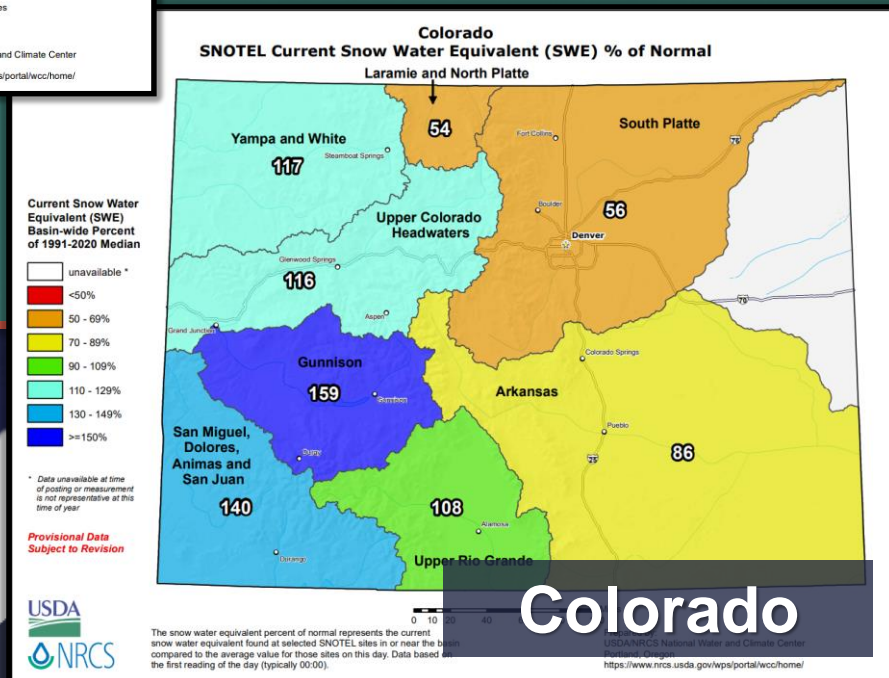


Source: <http://droughtmonitor.unl.edu>



*The eastern Uinta basin and the Duchesne River basin are both running well above (180-250%) normal Snow Water Equivalent (SWE) thanks to several wet early season storms. The Southeastern Utah zone has yet to see accumulating snow.*

*All of the western Colorado basins are running slightly (108%) to well above (160%) normal SWE for early November, thanks again to several wet early season storms.*



NOVEMBER  
2 0 2 2

# OUTLOOK

## TEMPERATURES & PRECIPITATION



*Northeastern Utah and northwestern Colorado have odds favoring equal chances of above, below, or near normal temperatures for the month of November. Southeastern Utah and southwestern Colorado have odds slightly favoring above normal temperatures for the month. All of eastern Utah and western Colorado, with the exception of the far southeast corner, are slightly favored to see above normal precipitation. The far southeast corner, which includes the Pagosa Springs area, has equal chances of seeing above, below, or near normal precipitation.*

**Equal  
Chances**

**Temperatures**

**Above**

**Precipitation**

**Above**

**Equal  
Chances**